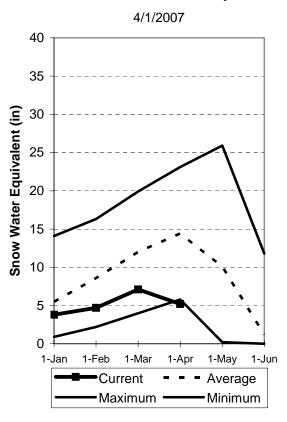
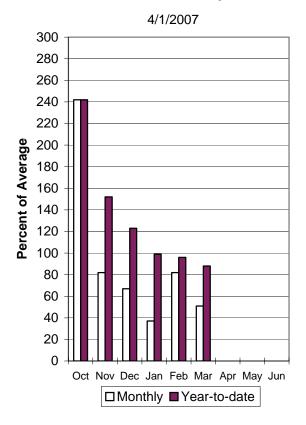
## Carbon, Emery, Wayne, Grand and San Juan Co. April 1, 2007

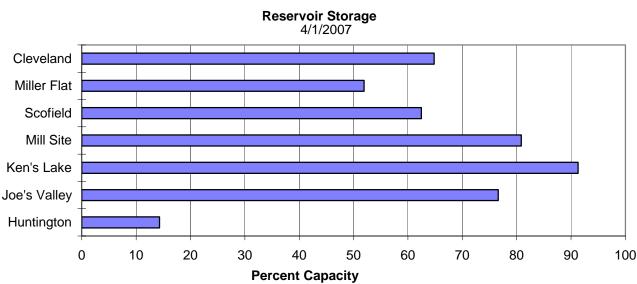
Snowpacks in this region are much below normal at 36% of average, about 35% of last year. Individual sites range from 0% to 98% of average, with Boulder Mountain and the Aquarius Plateau being the best of the worst. This is the worst April 1 snowpack in the 36 years of record for this area, with only two years having a greater March snowpack decrease. Precipitation during March was much below average at 51%, bringing the seasonal accumulation (Oct-Mar) to 88% of normal. Soil moisture estimates in runoff producing areas are at 73% of saturation in the upper 2 feet of soil compared to 44% last year and up 25% from last month, due to early snowmelt. Forecast streamflows range from 4% to 68% of average. Reservoir storage is at 69% of capacity, up 5% from last year at this time. Surface Water Supply Indices for the area are: Price 28%, San Rafael area 11% and Moab 18%. General runoff and water supply conditions are much below normal.

## Southeast Utah Snowpack



## **Southeast Utah Precipitation**





CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

Streamflow Forecasts - April 1, 2007

		<pre>&lt;&lt;===== Drier ===== Future Conditions ====== Wetter ====&gt;&gt;</pre>							
Forecast Point	Forecast	   ======	========	= Cha	ance Of Exceeding * =======			======	
	Period	90%	70%	1	50	· · · · · ·	30%	10%	30-Yr Avg.
			(1000AF)		-	(% AVG.)		(1000AF)	(1000AF)
Gooseberry Creek nr Scofield	APR-JUL	2.5	3.6	: ====	4.5	=======  38	5.5	7.1	11.9
Gooseberry Creek in Scotleid	APR-JUL	2.5	3.6	1	4.5	30	5.5	7.1	11.9
Price River near Scofield Reservoir	APR-JUL	4.5	8.6	į	16.0	36	23	34	45
White River blw Tabbyune Creek	APR-JUL	1.4	2.8	İ	3.9	23	5.2	7.6	17.3
Green River at Green River, UT (2)	APR-JUL	540	950	İ	1400	44	1850	2510	3170
Huntington Ck Inflow to Electric Lk	APR-JUL	2.5	3.9	İ	5.0	32	6.3	8.3	15.7
Huntington Ck nr Huntington	APR-JUL	2.5	7.7	İ	16.0	33	24	36	49
Joe's Valley Resv Inflow	APR-JUL	12.8	17.3	İ	22	38	27	36	58
Ferron Ck (Upper Station) nr Ferron	APR-JUL	9.4	12.9	İ	15.5	40	18.4	23	39
Colorado River Near Cisco (2)	APR-JUL	1190	2360	į	3150	68	3950	5120	4650
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.1	1.3	İ	1.6	32	1.9	2.5	5.0
Seven Mile Ck nr Fish Lake	APR-JUL	2.5	2.8	İ	3.5	50	4.2	5.4	7.0
Muddy Creek nr Emery	APR-JUL	3.9	5.7	İ	7.2	36	8.8	11.5	19.9
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.0	į	0.1	7	0.1	0.2	0.8
	APR-JUL	0.0	0.0	!	0.0	4	0.1	0.1	0.7
South Ck ab Lloyd's Res nr Monticell	MAD - TIIT	0.0	0.1	1	0.1	9	0.2	0.4	1.4
South Ck ab Lloyd's Res III Monticell	APR-JUL	0.0	0.0	1	0.1	7	0.2	0.3	1.3
				i					
Recapture Ck Bl Johnson Ck nr Blandi		0.1	0.4	!	0.7	14	1.1	2.1	5.0
	APR-JUL	0.1	0.3	!	0.6	13	1.0	1.8	4.5
San Juan River near Bluff (2)	APR-JUL	320	490		680	55   	785	1050	1230
				·====					
CARBON, EMERY, WAYNE, GRAND, & SAN JUAN CO.					CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.				
Reservoir Storage (1000 AF) - End of March   Watershed Snowpack Analysis - April 1, 2007									
	Usable		le Storage *				Number		Year as % of
Reservoir	Capacity	This	Last	j	Water	shed	of	=====	
	I	Year		vg			Data Si		
HUNTINGTON NORTH	4.2	0.6		3.9		RIVER	3	34	38
JOE'S VALLEY	61.6	47.2	46.3 4	1.4	SAN R	AFAEL RIVER	3	32	40
KEN'S LAKE	2.3	2.1	2.2	1.4	MUDDY	CREEK	1	21	27
MILL SITE	16.7	13.5	9.2 8	86.2	FREMO	NT RIVER	3	67	56

BLUE MOUNTAINS

CARBON, EMERY, WAYNE, GRA 13

WILLOW CREEK

4

17

35

2

8

36

1

65.8 41.1 34.7 34.7 LASAL MOUNTAINS

The average is computed for the 1971-2000 base period.

SCOFIELD

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.